Atty. Docket No. ALPH.P010X

**PATENT** 

## IN THE UNITED STATES PATENT OFFICE

In Re	Patent Application of:	)	,	
	Burnett et al.	. )	Examiner:	Not yet assigned
Applic	cation No. Not yet assigned	)	Art Unit:	Not yet assigned
Filed:	September 18, 2003	)		
For:	VAD-BASED MULTIPLE-MICROPHONE ACOUSTIC NOISE SUPPRESSION			. •
	ant Commissioner for Patents			

### INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

Sir:

Enclosed is an Information Disclosure Citation Form PTO/SB/08 together with a copy of the references cited therein. It is respectfully requested that the cited references be considered and that the enclosed copy of the Form PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant.

Pursuant to 37 CFR 1.97(h), the submission of this Information Disclosure Statement is not to be construed as an admission that the information cited in this statement is material to patentability.

This Information Disclosure Statement is being submitted pursuant to 37 CFR 1.97(b)(3).

The Commissioner is hereby authorized to charge any fees which may be required in connection with this submission to Deposit Account No. 501914.

Respectfully submitted,

SHEMWELL GREGORY & COURTNEY LLP

Dated: September 18, 2003

Registration No. 42,607

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Approved for use through 10/31/2002. OMB 0651-0031

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 2

C mpl te if Known				
Application Number	To be assigned			
Filing Date	September 18, 2003			
First Named Inventor	Gregory C. Burnett			
Group Art Unit	To be assigned			
Examiner Name	To be assigned			
Attorney Docket Number	ALPH.P010X			

ا_		U.S. PATENT DOCUMENTS							
	Exami Initiats		Cite No.1	Number	Cument Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-OD-YYYY	Pages, Cotumns, Lines, Where Relevant Passages or Relevant Figures Appear	
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Examiner Initials	Cite No.1	Office <sup>3</sup>	oreign Patent Do Number <sup>4</sup>	Kind Codes (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Т6
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Examiner Signature	/Lun Lao/	Date Considered	01/31/2007

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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<sup>1</sup> Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-tetter code (WIPO Standard ST.3). 4 For Japanese patent documents, the Indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as Indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

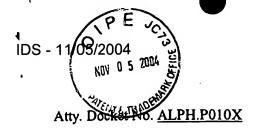
Complet if Known Substitute for form 1449B/PTO To be assigned **Application Number** INFORMATION DISCLOSURE September 18, 2003 Filing Date Gregory C. Burnett **First Named Inventor** STATEMENT BY APPLICANT Group Art Unit To be assigned To be assigned **Examiner Name** (use as many sheets as necessary) ALPH.P010X Attorney Docket Number of 2 Sheet

Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
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LL		A. HUSSAIN: "Intelligibility Assessment of a Multi-Band Speech Enhancement Scheme", Proceedings IEEE Intl-Conf. on Acoustics, Speech & Signal Processing (ICASSP-2000). Istanbul, Turkey. June 2006.	
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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Signature

Unique citation designation number. 2 Applicant is to place a check mark here if English language Translation is attached.





**PATENT** 

#### IN THE UNITED STATES PATENT OFFICE

In Re	Patent Application of:	)		
	Gregory C. Burnett	) ) E	Examiner:	To be assigned
Applic	cation No. 10/667,207	) ) A	Art Unit:	1775
Filed:	September 18, 2003	) )		
For:	VOICE ACTIVITY DETECTOR (VAD)-BASED	) ) .		
	MULTIPLE MICROPHONE ACOUSTIC	)		•
	NOISE SUPPRESSION	)		

MS Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

## INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR § 1.97

Sir:

Enclosed is an Information Disclosure Citation Form PTO/SB/08. Also enclosed are copies of all references that are not U.S. Patent references. It is respectfully requested that all cited references be considered and that a copy of the enclosed Form PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to Applicant.

Pursuant to 37 CFR 1.97(h), the submission of this Information Disclosure Statement is not to be construed as an admission that the information cited in this statement is material to patentability.

This Information Disclosure Statement is being submitted pursuant to 37 CFR 1.97(b)(3) before the mailing of a first office action on the merits.

The Commissioner is hereby authorized to charge any fees which may be required in connection with this submission to Deposit Account No. 501914.

Respectfully submitted,

SHEMWELL GREGORY & COURTNEY LLP

Dated: November 4, 2004

Barbara B. Courtney

Registration No. 42,442



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PTO/SB/08A (08-03)
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Substitute for form 1449/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known				
Application Number	10/667,207			
Filing Date	09/18/2003			
First Named Inventor	Gregory C. Burnett			
Art Unit	1775			
Examiner Name	Not yet assigned			
Attorney Docket Number	ALPH PO10X			

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 [8 known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or , Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
LL		<sup>US-</sup> 2002/039425 A1	04-04-2002	Burnett et al.	
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		FORE	IGN PATENT DOCU	IMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code <sup>3</sup> Number <sup>4</sup> "Kind Code <sup>8</sup> (# known)	MM-DD-YYYY		Or Relevant Figures Appear	Τ*
LL		EP 0 637 187 A ./	02-01-1995	Pan Communicati		
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LL		WO 02 07151	01-24-2002	ALIPHCOM, Inc.		

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Examiner	/T T /	Date	01/31/2007
Signature -	/Lun Lao/	Considered	01/31/200/
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Translation is attached.
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentially is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Petent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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I hereby certify that the following correspondence is being deposited with the United States Postal Service with sufficient postage and addressed to MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria VA 23	Į,
My Comment	
Barbara B. Courtney	
(Name of person transmitting correspondence)	
November 4, 2004	
Date	

Atty. Docket No.: ALPH.P010X	Date Mailed: November 4, 2004
The following has been received in the U.S. Pa	tent & Trademark Office on the date stamped hereon:
Amendment/Response ( pgs.)	Petition for Extension of Time ( month(s))
Preliminary Amendment ( pgs.)	☑ Information Disclosure Statement & PTO/SB/08A
Application - Utility ( pgs.)	☑ Information Disclosure Statement Transmittal
Application - Rule 1.53(b) Contin. ( pgs.)	☐ Submission of Formal Drawings
Application - Rule 1.53(b) Divis. ( pgs.)	Notice of Appeal
Application - Rule 1.53(b) CIP ( pgs.)	Appeal Brief ( pgs. in triplicate)
Application - Rule 1.53(d) CPA ( pgs.)	Reply Brief
Application - PCT ( pgs.)	Response to Notice of Missing Parts
Application - Provisional ( pgs.)	Utility Patent Application Transmittal
Drawings ( sheets)	Fee Transmittal (in duplicate)
Declaration & POA ( pgs.)	☑ Itemized Postcard
Assignment & Cover Sheet ( pgs.)	First Class Mail Certificate Of Mailing
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☐ Nonpublication Request (35 USC 122(b))	Check No Amt \$
Other Seven (7) cited references	